INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/010658

١.	CLASSIFICATION OF SUBJECT MATTER			
	Int.Cl7	H02G11/00		

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Minimum documentation searched (classification system followed by classification symbols) Int.Cl⁷ H02G11/00, B60J5/04, B60R16/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926-1996 Jitsuyo Shinan Toroku Koho 1996-2004

Kokai Jitsuyo Shinan Koho

1971-2004

Toroku Jitsuyo Shinan Koho

1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Y	JP 2001-103644 A (Sumitomo Wiring Systems, Ltd.), 13 April, 2001 (13.04.01), Figs. 6, 10 (Family: none)	1-4	
Y	JP 2002-67828 A (Yazaki Corp.), 08 March, 2002 (08.03.02), Fig. 6 (Family: none)	1-3	
Y	JP 2002-325347 A (Yazaki Corp.), 08 November, 2002 (08.11.02), Fig. 3 (Family: none)	1-3	

	Turdier documents are fisted in the continuation of box C.	با	j See patent family annex.	
'A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
'L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
O" P".	document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than		combined with one or more other such documents, such combination being obvious to a person skilled in the art	
	the priority date claimed	"&"	document member of the same patent family	

Date of the actual completion of the international search Date of mailing of the international search report 03 September, 2004 (03.09.04) 28 September, 2004 (28.09.04)

Name and mailing address of the ISA/ Japanese Patent Office

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C (Constantation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ .	JP 2-97830 U (Toyota Motor Corp.), 03 August, 1990 (03.08.90), Fig. 1 (Family: none)	1-3
Y	JP 2001-218350 A (Yazaki Corp.), 10 August, 2001 (10.08.01), Fig. 2 (Family: none)	1-3
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